

Title (en)

LASER LIGHT PROPAGATION SYSTEMS FOR IRRADIATING A SAMPLE IN A FLOW STREAM AND METHODS FOR USING SAME

Title (de)

LASERLICHTAUSBREITUNGSSYSTEME ZUR BESTRAHLUNG EINER PROBE IN EINEM FLUSSSTROM UND VERFAHREN ZUR VERWENDUNG DAVON

Title (fr)

SYSTÈMES DE PROPAGATION DE LUMIÈRE PAR LASER POUR IRRADIATION D'UN ÉCHANTILLON DANS UN FLUX D'ÉCOULEMENT ET LEURS PROCÉDÉS D'UTILISATION

Publication

EP 4211441 A1 20230719 (EN)

Application

EP 21867334 A 20210812

Priority

- US 202063076650 P 20200910
- US 2021045719 W 20210812

Abstract (en)

[origin: US2022074858A1] Aspects of the disclosure include systems for irradiating a sample in a flow stream. Systems according to certain embodiments include a light propagator having a first fiber optic operably coupled to a first laser and configured to receive light from the first laser at a proximal end and to convey the laser light from a distal end to a first position on the flow stream and a second fiber optic operably coupled to a second laser and configured to receive light from the second laser at a proximal end and to convey the laser light from a distal end to a second position on the flow stream. Methods for irradiating a sample in a flow stream with the subject systems and detecting light from two or more positions on irradiated flow stream are also provided.

IPC 8 full level

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Designated contracting state (EPC)

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